

Converting Colors

HunterLab(40.5829, 79.3304,
-49.9837)

Have a look what the booklet for
HunterLab(40.5829, 79.3304,
-49.9837) contains.

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Color

**HunterLab(40.5007, 79.1989,
-50.1101)**

Conversions

Conversions Part 1

Format	Color
Hex	C900C4
RGB	201, 0, 196
RGB Percent	79%, 0%, 77%
CMY	0.2118, 0.9999, 0.2314
CMYK	0.00, 1.00, 0.02, 0.21
HSL	301°, 100%, 39%
HSV	301°, 100%, 79%
XYZ	34.0512, 16.4031, 53.5960
YIQ	82.4430, 56.8800, 103.5680

Conversions

Conversions Part 2

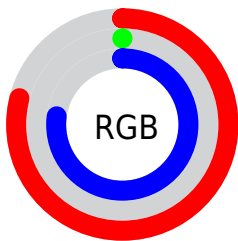
Format	Color
R_{YB}	201, 0, 196
Decimal	13172932
CIE _{Lab}	47.50, 81.41, -48.43
CIE _{LCh}	47, 94.727, 329.251
Yxy	16.4038, 0.3273, 0.1577
Android (android.graphics.Color)	4291363012 (0xFFC900C4)
YUV	82.4430, 55.9836, 103.9745
Hunter-Lab	40.5007, 79.1989, -50.1101

Details

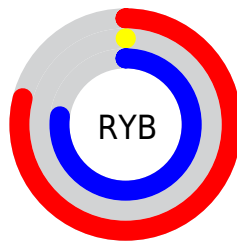
The HunterLab color **40.5007, 79.1989, -50.1101** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **64.6414, -55.3684, 38.7300**, and the grayscale version is **29.0030, -1.5475, 1.5758**.

A 20% lighter version of the original color is **60.0051, 81.7955, -53.4142**, and **27.7018, 54.3820, -35.9123** is the 20% darker color. If you saturate the color by 10%, you get **40.5009, 79.1992, -50.1094**, and if you desaturate by 10%, it is **41.1472, 77.0537, -48.9792**.

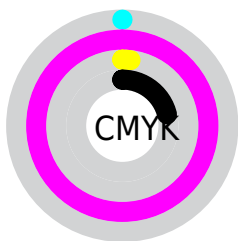
Distribution



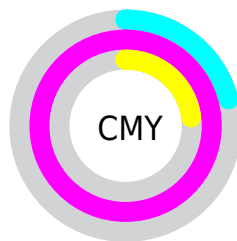
- Red (79%)
- Green (0%)
- Blue (77%)



- Red (79%)
- Yellow (0%)
- Blue (77%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5007, 79.1989, -50.1101 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 40.5007, 79.1989, -50.1101 by changing the saturation by 10% instead.

40.5007, 79.1989,
-50.1101

40.5007, 79.1989,
-50.1101

152.2212, 99.4109,
-56.1388

31.3215, 76.8137,
-49.7951

61.0720, 84.1515,
-51.3530

22.9639, 74.7450,
-50.0076

72.3652, 86.5778,
-52.0833

15.5195, 73.5331,
-51.3989

84.2797, 88.9315,
-52.8235

9.1120, 74.8963,
-55.9461

96.7846, 91.2020,
-53.5511

0.0000, INF, -NF

0.0000, NaN, -NF

109.8533, 93.3850,
-54.2530

0.0000, NaN, NaN

123.4623, 95.4799,

0.0000, NaN, NaN

-54.9210

137.5912, 97.4878,
-55.5505

■ 40.5007, 79.1989,
-50.1101

■ 40.5007, 79.1989,
-50.1101

■ 40.5009, 79.1992,
-50.1094

■ 41.1472, 77.0537,
-48.9792

■ 42.4052, 72.8352,
-46.4522

■ 44.4277, 66.3144,
-42.3595

■ 47.2179, 57.9262,
-36.9768

■ 50.7289, 48.2667,
-30.6934

■ 54.8872, 37.8996,
-23.8833

■ 59.6108, 27.2556,
-16.8371

■ 64.8213, 16.6166,
-9.7483

■ 70.4488, 6.1422,
-2.7297

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.5017, 38.9263, -112.9578



40.5007, 79.1989, -50.1101



40.5017, 96.7103, 1.3075

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.5017, 79.1966, -50.1080



40.5017, -1.2265, 28.3512



40.5017, -47.5061, -46.9549

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.5007, 79.1989, -50.1101



64.6414, -55.3684, 38.7300

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.5017, -51.6620, 3.0817



40.5007, 79.1989, -50.1101



40.5017, -31.4616, 28.3512

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.5017, 79.1966, -50.1080



40.5017, 41.1487, 28.3014



40.5017, -47.0488, 23.8174



40.5017, -32.5662, -110.2436

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.5007, 79.1989, -50.1101



40.5017, 89.5961, 18.8049



40.5017, -47.0488, 23.8174



40.5017, -49.9077, -27.1625

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.5017, 79.1966, -50.1080



77.7162, 36.2695, -22.4336



20.5901, 55.7341, -145.4578



34.6995, 19.5418, -12.2103

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.5017, 79.1966, -50.1080



52.9887, 103.6113, -65.4994



36.4478, 64.7901, 5.1306



32.8814, 2.5589, -1.0705



32.1181, 62.8117, -39.7768



6.9995, 13.7045, -8.7924

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.5017, 79.1966, -50.1080



52.9887, 103.6113, -65.4994



65.3994, -50.6384, 27.5718



32.8814, 2.5589, -1.0705



32.1181, 62.8117, -39.7768



6.9995, 13.7045, -8.7924

Previews

White Background



This preview shows how the HunterLab color 40.5007, 79.1989, -50.1101 looks on a white background.

Color Contrast Check

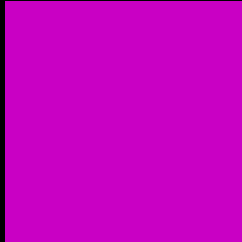
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 40.5007, 79.1989, -50.1101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

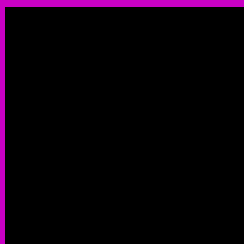
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.5007, 79.1989, -50.1101 Background



This preview shows how black text looks on a background with the HunterLab color 40.5007, 79.1989, -50.1101.



This preview shows how white text looks on a background with the HunterLab color 40.5007, 79.1989, -50.1101.

-50.1101.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.5007, 79.1989, -50.1101

Protanopia

41.6046, 15.2984, -85.0269

Deuteranopia

41.4464, 3.2961, -39.2738



Tritanopia

40.9094, 38.2030, 14.3077

Trichromacy



Original Color

40.5007, 79.1989, -50.1101



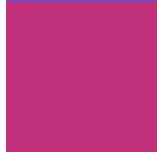
Protanomaly

33.3020, 37.7688, -99.3675



Deuteranomaly

35.1980, 35.7999, -57.8264



Tritanomaly

38.6835, 55.3496, -3.9154

Monochromacy



Original Color

40.5007, 79.1989, -50.1101



Achromatopsia

29.0476, -1.5499, 1.5782



Achromatomaly

28.7159, 32.1760, -20.4325

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5007, 79.1989, -50.1101 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(201, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(201, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5007, 79.1989, -50.1101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 0, 196) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(201, 0, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(201, 0, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 196);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5007, 79.1989, -50.1101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(201, 0,  
196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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